

# HYDRAULIC CRIMPING TOOL HT81-U

## *general features*

This new model, lightweight and self contained, features a patented closure and release mechanism for the die locking pin. A wide range of connectors can be crimped with a small number of die sets due to their unique, double groove styling. Dies for cutting copper, aluminium, alloy and aluminium-steel, are also available (see table below). The tool features a double speed action: a fast advancing speed for rapid approach of the dies to the connector and a slower more powerful speed for crimping. For ease of operation and comfort of the operator the tool head can be fully rotated through 180 degrees. The built-in safety valve will by-pass the oil supply when the maximum pressure is reached, and a pressure releasing system can easily be operated at any stage of the compression.



# HYDRAULIC CRIMPING TOOL HT81-U

## *Technical characteristics*

### PROPERTIES

Width	141 mm
Length	485 mm
Weight	3.4 kg
Force developed	80 kN
Type of action	Crimp



# HYDRAULIC CRIMPING TOOL HT81-U

## *Products used together*

### Connectors

#### A-2M Contained palm

A24B-2M8-25/19	A24B-2M8-45/19
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#### COPPER TUBE CRIMPING LUGS A-2M Angled

A10-2M8-24-24/345°	A14-2M10-24-26/315°	A14-2M10-24-26/345°
A14-2M12-30-29/345°	A14-2M8-24-24/345°	A19-2M10-24-26/345°
A19-2M12-30-29/345°	A24-2M10-24-29/345°	A24-2M12-30-29/345°
A24-2M8-24-29/345°	A30-2M10-24-28/345°	A30-2M12-30-29/345°
A30-2M8-24-29/345°	A37-2M10-25/315°	A37-2M12-30-31/345°
A48-2M12/345°	A48-2M12-30/45°	A48-2M12-30-31/345°
A5-2M12-30-29/345°	A5-2M8-24-24/345°	

#### COPPER TUBE CRIMPING LUGS A-M

A10-M10	A10-M12	A10-M14
A10-M16	A10-M6	A10-M8
A14-M10	A14-M12	A14-M14
A14-M16	A14-M6	A14-M8
A19-M10	A19-M12	A19-M14
A19-M16	A19-M20	A19-M6
A19-M8	A24-M10	A24-M12
A24-M14	A24-M16	A24-M20
A24-M8	A2-M10	A2-M12
A2-M4	A2-M5	A2-M6
A2-M8	A30-M10	A30-M12
A30-M14	A30-M16	A30-M20
A30-M8	A37-M10	A37-M12
A37-M14	A37-M16	A37-M20
A37-M8	A3-M10	A3-M12
A3-M4	A3-M5	A3-M6
A3-M8	A48-M10	A48-M12
A48-M14	A48-M16	A48-M20
A48-M8	A5-M10	A5-M12
A5-M4	A5-M5	A5-M6
A5-M8	A7-M10	A7-M12
A7-M5	A7-M6	A7-M8

**COPPER TUBE CRIMPING LUGS ANGLED 90° A-L**

A10-L10	A10-L12	A10-L6
A10-L8	A14-L10	A14-L12
A14-L16	A14-L8	A19-L10
A19-L12	A19-L8	A1-L6
A24-L10	A24-L12	A2-L5
A2-L6	A2-L8	A30-L10
A30-L12	A37-L10	A37-L12
A3-L10	A3-L5	A3-L6
A3-L8	A48-L10	A48-L12
A5-L10	A5-L6	A5-L8
A7-L10	A7-L12	A7-L6
A7-L8		

**CRIMPING CONNECTORS ACCORDING TO DIN 46234 Q**

Q10-10	Q10-12	Q10-4
Q10-5	Q10-6	Q10-8
Q16-10	Q16-12	Q16-5
Q16-6	Q16-8	Q25-10
Q25-12	Q25-16	Q25-5
Q25-6	Q25-8	Q35-10
Q35-12	Q35-16	Q35-6
Q35-8	Q50-10	Q50-12
Q50-16	Q50-6	Q50-8
Q70-10	Q70-12	Q70-16
Q70-6	Q70-8	

**HIGH VOLTAGE COPPER TERMINALS CA-M**

CA150R-M12	CA150R-M14	CA150S-M12
CA150S-M14	CA200R-M14	CA25-M10
CA25-M12	CA25-M8	CA40S-M12
CA40S-M16	CA50R-M12	CA50S-M12
CA50S-M16	CA95R-M12	CA95R-M14
CA95S-M12	CA95S-M14	CA95S-M16

**HIGH VOLTAGE TERMINALS CA-2M**

CA150-2M12	CA150R-2M14	CA150S-2M14
CA200R-2M14	CA40S-2M12	CA50R-2M12
CA50S-2M12	CA95R-2M14	CA95S-2M14

**SLEEVE CONNECTORS C-C**

C10-C10	C16-C16	C25-C10
C25-C25	C35-C16	C35-C35
C50-C25	C50-C50	C6-C6
C70-C25N	C70-C35	C70-C70
C95-C35	C95-C70	C95-C95

**COPPER TUBE CRIMPING LUGS A-2M**

A10-2M10	A10-2M10-24-13	A10-2M12
A10-2M12-25	A10-2M6	A10-2M8
A10-2M8-20	A10-2M8-22	A10-2M8-24-24
A10-2M8-30	A14-2M10	A14-2M10-24
A14-2M12	A14-2M12-25	A14-2M12-30-29
A14-2M12-40	A14-2M14	A14-2M8
A14-2M8-24-24	A19-2M10	A19-2M10-24-13
A19-2M10-24-26	A19-2M10-40	A19-2M12
A19-2M12-25	A19-2M12-30-29	A19-2M14
A19-2M14-25	A19-2M16	A19-2M6
A19-2M8-24-24	A19-2M8-50-S	A2-2M4-12
A2-2M8-20	A24-2M10	A24-2M10-22
A24-2M10-25/24	A24-2M10-33.5	A24-2M12
A24-2M12-30-29	A24-2M12-40	A24-2M14
A24-2M16	A24-2M8-20	A24-2M8-24-29
A24L-2M10-30AS	A30-2M10	A30-2M10-24-28
A30-2M12	A30-2M12-30	A30-2M12-30-29
A30-2M12-40	A30-2M14	A30-2M14-33.5
A30-2M8-20	A3-2M12-40	A3-2M8-20
A37-2M10	A37-2M10-25	A37-2M12
A37-2M12-30-31	A37-2M12-32	A37-2M14
A37-2M14-35	A37-2M16	A37-2M16-40
A48-2M10	A48-2M10-20	A48-2M10-35
A48-2M12	A48-2M12-30-31	A48-2M12-35
A48-2M12-40	A48-2M14	A48-2M14-40
A48-2M16	A5-2M10-24-13	A5-2M8-20
A5-2M8-24-24	A7-2M10	A7-2M10-25
A7-2M12	A7-2M12-25	A7-2M12-40

**COPPER TUBE CRIMPING LUGS ACCORDING TO DIN 46235 DR**

DR10-10	DR10-5	DR10-6
DR10-8	DR120-10	DR120-12
DR120-16	DR120-20	DR120-8
DR150-10	DR150-12	DR150-16
DR150-20	DR16-10	DR16-12
DR16-5	DR16-6	DR16-8
DR185-10	DR185-12	DR185-16
DR185-20	DR240-10	DR240-12
DR240-16	DR240-20	DR25-10
DR25-12	DR25-6	DR25-8
DR35-10	DR35-12	DR35-16
DR35-6	DR35-8	DR50-10
DR50-12	DR50-16	DR50-6
DR50-8	DR6-5	DR6-6
DR6-8	DR70-10	DR70-12
DR70-16	DR70-20	DR70-8
DR95-10	DR95-12	DR95-16
DR95-20	DR95-8	

**COPPER TUBE CRIMPING LUGS A-M Fine stranded**

A12-M10	A12-M10/19	A12-M12
A12-M6/15	A12-M8	A17-M10
A17-M10/19	A17-M12	A17-M14
A17-M16	A17-M6	A17-M8
A20-M10	A20-M12	A20-M14
A20-M16	A20-M8	A29-M10
A29-M12	A29-M14	A29-M16
A29-M20	A29-M8	A35-M10
A35-M12	A35-M14	A35-M16
A35-M20	A40-M10	A40-M12
A40-M14	A40-M16	A40-M20
A9-M10	A9-M12	A9-M6/15
A9-M8		

**COPPER TUBE LUGS 4-ESI FIXING A-4ESI**

A37-4ESI	A48-4ESI
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**HIGH VOLTAGE COPPER TERMINALS 2A-M**

2A10-M10	2A10-M12	2A10-M14
2A10-M16	2A14-M10	2A14-M12
2A14-M14	2A14-M16	2A19-M10
2A19-M12	2A19-M14	2A19-M16
2A19-M20	2A24-M10	2A24-M12
2A24-M14	2A24-M16	2A24-M20
2A30-M10	2A30-M14	2A30-M16
2A30-M20	2A37-M12	2A37-M14
2A37-M16	2A37-M20	2A3-M10
2A3-M8	2A48-M12	2A48-M14
2A48-M16	2A48-M20	2A5-M10
2A5-M12	2A5-M8	2A7-M10
2A7-M12	2A7-M8	

**HIGH VOLTAGE STALK CONNECTORS MT-C**

MT150R-C12	MT150R-C16	MT150S-C12
MT150S-C14-80	MT150S-C16	MT200R-C10
MT200R-C16	MT25-C8	MT40S-C10
MT40S-C14-80	MT40S-C8	MT50R-C10
MT50R-C8	MT50S-C10	MT50S-C14-80
MT50S-C8	MT70S-C10	MT95R-C10
MT95R-C12	MT95S-C10	MT95S-C12

**RING TONGUE TERMINALS WITH CONTAINED PALM A-M Contained palm**

A10B-M6/11.5	A14B-M6/11.5	A19B-M8/15.5
A19-M10/19	A24B-M10/19	A24B-M8/19
A2-M5/9	A30B-M10/19	A30B-M8/19
A37B-M10/24.5	A3-M5/9	A48-M10/31
A48-M12/31	A48-M16/31	A5-M5/9
A7B-M6/11.5		

**Through connectors**
**CRIMPING THROUGH CONNECTORS ACCORDING TO DIN 46267 T.1 DSV**

DSV10	DSV120	DSV150
DSV16	DSV185	DSV240
DSV25	DSV35	DSV50
DSV6	DSV70	DSV95

**HIGH VOLTAGE COPPER THROUGH CONNECTORS MT-TD**

MT150R-TD	MT150S-TD	MT200R-TD
MT25-TD	MT40S-TD	MT50R-TD
MT50S-TD	MT70S-TD	MT95R-TD
MT95S-TD		

**THROUGH CONNECTORS L-M**

L10-M	L14-M	L19-M
L24-M	L2-M	L30-M
L37-M	L3-M	L48-M
L5-M	L7-M	

**HIGH VOLTAGE COPPER THROUGH CONNECTORS MT-GC**

MT150R-GC	MT150S-GC	MT200R-GC
MT25-GC	MT40S-GC	MT50R-GC
MT50S-GC	MT70S-GC	MT95R-GC
MT95S-GC		

**PARALLEL CONNECTORS L-P**

L10-P	L14-P	L19-P
L1-P	L24-P	L2-P
L30-P	L37-P	L3-P
L48-P	L5-P	L7-P

**Tools**

**PRESSURE TEST DEVICE FOR HYDRAULIC PUMPS AND TOOLS MPC1 - MPC1**

*In the same kit*

**Storage**

**CASE VAL - Steel case VAL P3**

*On request*

**Storage**

**CASE VAL - Metal carrying case VAL 75**